

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060883.D
 Acq On : 12 Apr 2024 21:06
 Operator : MA/JU
 Sample : P2090-01MSD 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-04112024MSD

Quant Time: Apr 12 22:44:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	66079	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	253243	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	183369	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	408754	20.000	ng	0.00
76) Chrysene-d12	21.601	240	368815	20.000	ng	0.00
86) Perylene-d12	24.744	264	352809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	163432	41.202	ng	0.00
7) Phenol-d6	7.118	99	221364	37.596	ng	0.00
23) Nitrobenzene-d5	9.104	82	153285	34.539	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	120164	57.729	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	362575	29.019	ng	-0.02
79) Terphenyl-d14	19.950	244	610129	29.129	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.463	88	27663	17.010	ng	93
3) Pyridine	3.851	79	72183	14.715	ng	91
4) n-Nitrosodimethylamine	3.763	42	58666	20.007	ng	96
6) Aniline	7.276	93	68260	9.180	ng	95
8) 2-Chlorophenol	7.517	128	96510	21.461	ng	98
9) Benzaldehyde	7.088	77	8672m	2.671	ng	
10) Phenol	7.147	94	115615	19.240	ng	96
11) bis(2-Chloroethyl)ether	7.376	93	83467	17.204	ng	97
12) 1,3-Dichlorobenzene	7.846	146	102071	21.827	ng	98
13) 1,4-Dichlorobenzene	7.987	146	104944	21.996	ng	98
14) 1,2-Dichlorobenzene	8.305	146	102618	21.948	ng	99
15) Benzyl Alcohol	8.187	79	90287	18.930	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.475	45	219143	20.015	ng	99
17) 2-Methylphenol	8.393	107	80251	17.691	ng	97
18) Hexachloroethane	9.033	117	36254	21.396	ng	# 79
19) n-Nitroso-di-n-propyla...	8.751	70	76460	17.028	ng	97
20) 3+4-Methylphenols	8.716	107	112587	18.125	ng	97
22) Acetophenone	8.769	105	150158	21.504	ng	# 98
24) Nitrobenzene	9.151	77	110663	23.880	ng	98
25) Isophorone	9.674	82	204976	20.052	ng	99
26) 2-Nitrophenol	9.862	139	48617	30.855	ng	# 89
27) 2,4-Dimethylphenol	9.920	122	70558	17.183	ng	98
28) bis(2-Chloroethoxy)met...	10.155	93	115208	19.090	ng	98
29) 2,4-Dichlorophenol	10.396	162	90840	24.091	ng	97
30) 1,2,4-Trichlorobenzene	10.614	180	107504	25.178	ng	98
31) Naphthalene	10.802	128	319982	23.358	ng	99
32) Benzoic acid	10.038	122	58524m	25.207	ng	
33) 4-Chloroaniline	10.901	127	79952	12.566	ng	98
34) Hexachlorobutadiene	11.089	225	77568	27.259	ng	99
35) Caprolactam	11.665	113	27514	18.423	ng	93
36) 4-Chloro-3-methylphenol	12.030	107	104728	21.742	ng	97
37) 2-Methylnaphthalene	12.406	142	229740	22.811	ng	99
38) 1-Methylnaphthalene	12.629	142	215903	22.692	ng	97
40) 1,2,4,5-Tetrachloroben...	12.776	216	138739	26.318	ng	98
41) Hexachlorocyclopentadiene	12.758	237	27735	10.347	ng	98
43) 2,4,6-Trichlorophenol	13.011	196	90447	26.645	ng	91

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44) 2,4,5-Trichlorophenol	13.087	196	95554	23.588	ng	97
46) 1,1'-Biphenyl	13.416	154	289512	22.353	ng	99
47) 2-Chloronaphthalene	13.457	162	223656	22.728	ng	99
48) 2-Nitroaniline	13.651	65	81064	27.945	ng	98
49) Acenaphthylene	14.303	152	397339	24.031	ng	99
50) Dimethylphthalate	14.039	163	292738	20.198	ng	99
51) 2,6-Dinitrotoluene	14.151	165	59538	24.767	ng	96
52) Acenaphthene	14.644	154	243477	23.453	ng	99
53) 3-Nitroaniline	14.480	138	55956	21.340	ng	# 93
54) 2,4-Dinitrophenol	14.685	184	10109	10.020	ng	93
55) Dibenzofuran	14.979	168	392097	23.945	ng	99
56) 4-Nitrophenol	14.797	139	102063	48.170	ng	95
57) 2,4-Dinitrotoluene	14.944	165	83837	26.944	ng	# 92
58) Fluorene	15.631	166	383055	29.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.208	232	90527	25.643	ng	# 96
60) Diethylphthalate	15.408	149	287617	19.725	ng	99
61) 4-Chlorophenyl-phenyle...	15.625	204	152761	21.971	ng	95
62) 4-Nitroaniline	15.643	138	65281	24.635	ng	98
63) Azobenzene	15.919	77	277354	19.519	ng	92
65) 4,6-Dinitro-2-methylph...	15.708	198	9053	11.614	ng	94
66) n-Nitrosodiphenylamine	15.837	169	260165	22.273	ng	97
67) 4-Bromophenyl-phenylether	16.524	248	102595	24.732	ng	96
68) Hexachlorobenzene	16.636	284	117705	25.135	ng	98
69) Atrazine	16.795	200	96986	23.744	ng	96
70) Pentachlorophenol	16.983	266	155194	50.790	ng	99
71) Phenanthrene	17.376	178	1638196	77.061	ng	99
72) Anthracene	17.464	178	639943	29.642	ng	99
73) Carbazole	17.729	167	471284	24.759	ng	99
74) Di-n-butylphthalate	18.305	149	492455	20.751	ng	99
75) Fluoranthene	19.392	202	2146217	83.200	ng	96
77) Benzidine	19.568	184	54550	5.617	ng	97
78) Pyrene	19.756	202	2036995	78.971	ng	98
80) Butylbenzylphthalate	20.649	149	216453	23.004	ng	98
81) Benzo(a)anthracene	21.583	228	1275298	49.055	ng	97
82) 3,3'-Dichlorobenzidine	21.495	252	156591	17.839	ng	100
83) Chrysene	21.648	228	1316664m	52.545	ng	
84) Bis(2-ethylhexyl)phtha...	21.513	149	979852	65.335	ng	# 97
85) Di-n-octyl phthalate	22.705	149	550011	22.512	ng	# 99
87) Indeno(1,2,3-cd)pyrene	28.322	276	626998m	25.236	ng	
88) Benzo(b)fluoranthene	23.757	252	1104903	54.513	ng	99
89) Benzo(k)fluoranthene	23.816	252	906661m	43.703	ng	
90) Benzo(a)pyrene	24.603	252	900473m	45.716	ng	
91) Dibenzo(a,h)anthracene	28.381	278	394262m	18.825	ng	
92) Benzo(g,h,i)perylene	29.427	276	419861m	20.608	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

